```
? show files;ds
File   2:INSPEC 1969-2005/Jan W3
         (c) 2005 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2004/Dec
         (c) 2004 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/Jan W4
         (c) 2005 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
         (c) 2004 The HW Wilson Co.
File 256:TecInfoSource 82-2004/Dec
         (c) 2004 Info.Sources Inc
File 474:New York Times Abs 1969-2005/Jan 27
         (c) 2005 The New York Times
File 475:Wall Street Journal Abs 1973-2005/Jan 27
         (c) 2005 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200505
         (c) 2005  Thomson Derwent
File 344:Chinese Patents Abs Aug 1985-2004/May
         (c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
         (c) 2004 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.

Set     Items   Description
S1      19262   (RENT? OR ALLOCAT? OR SHARE? OR SHARING OR LEASE? OR LEASI-
             NG)(5N)(CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER
              OR TRUCK? ? OR SHIP OR PLANE OR AIRPLANE OR AEROPLANE OR FRE-
             IGHT)
S2       6746   (DISTRIBUTE? OR DISTRIBUTING OR ASSIGN? ? OR ASSIGNING)(5N-
             )(CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR T-
             RUCK? ? OR SHIP OR PLANE OR AIRPLANE OR AEROPLANE OR FREIGHT)
S3     197601   (TIME OR HOW()LONG)(2N)(BASED OR DEPEND? OR LENGTH OR DURA-
             TION OR ESTIMATED)
S4        539   (DISTANCE OR HOW()FAR OR MILEAGE OR LENGTH OR MILE? ?)(3N)-
             (ESTIMATED OR APPROXIMATE OR BASED OR DEPEND?)(5N)(TRIP OR JO-
             URNEY OR VOYAGE OR FLIGHT OR TRAVEL)
S5          2   (S1 OR S2)(3S)S3(3S)S4
S6          2   (S1 OR S2) AND S3 AND S4
S7          2   S5 OR S6
? t7/4/all

 7/4/1     (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005  Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2001-452905/200149|
XR- <XRPX> N01-335319|
TI- Electric vehicle  sharing , vehicle location and vehicle parking
    state detection using linked central facility, vehicle distribution
    points and vehicle subsystems, reducing road congestion|
PA- HONDA GIKEN KOGYO KK (HOND  ); UNIV CALIFORNIA (REGC  ); HONDA MOTOR CO
    LTD (HOND  )|
AU- <INVENTORS> BARTH M J; MURAKAMI H; NAKAMURA K; TODD M D; YANO S|
NC- 028|
NP- 004|
PN- EP 1067481    A2 20010110 EP 2000305768  A  20000707 200149 B|
PN- JP 2001043478 A  20010216 JP 2000200766  A  20000703 200149
```

PN- SG 98414 A1 20030919 SG 20003721 A 20000704 200369
PN- US 6636145 B1 20031021 US 99349426 A 19990707 200370|
AN- <LOCAL> EP 2000305768 A 20000707; JP 2000200766 A 20000703; SG 20003721 A 20000704; US 99349426 A 19990707|
AN- <PR> US 99349426 A 19990707|
FD- EP 1067481 A2 G07B-015/00
<DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI|
LA- EP 1067481(E<PG> 30); JP 2001043478(24)|
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LT; LU; LV; MC; MK; NL; PT; RO; SE; SI|
AB- <PN> EP 1067481 A2|
AB- <NV> NOVELTY - A **shared vehicle** system (10) includes a central facility (12), at least one vehicle distribution point (14) with kiosk and terminal, and a fleet of vehicles (16), each having a vehicle subsystem (18).|
AB- <BASIC> DETAILED DESCRIPTION - The central facility, the distribution point and the vehicle subsystems communicate so that a user (20) with PIN number or user ID (21) may enter information at a distribution point. The information, including the **estimated distance** and **time** of a **trip** , is transmitted to the central facility. Here the information is processed to select a **vehicle** to be **allocated** to the user at the distribution point.

Selection may be based on an available or soon to be available vehicle according to various algorithms which take into account the state of charge of all electric vehicle. The central facility also communicates with the distribution point and the vehicle subsystem to notify the user and provide secure access to the selected vehicle, to monitor the location and operating status of vehicles, monitor state of charge of electric vehicles and provide other functions. The vehicles communicate with the central station to notify user PIN number and vehicle parameters including state of charge and vehicle location. Reduction in individual vehicle ownership, lower parking requirements and integrated public and private transport facilities would reduce traffic congestion while offering improved public mobility.

USE - Provides an improved electric **vehicle sharing** scheme.

ADVANTAGE - Enables a minimum number of **shared** electric **vehicles** to give maximum convenience for participants by automated **allocation** , **vehicle** location and tracking, securing, relocating and battery charging.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram of the **vehicle sharing** system.

Shared vehicle system (10)
Central facility (12)
Distribution point (14)
Vehicles (16)
Vehicle subsystem (18)
User (20)
User ID (21)
pp; 30 DwgNo 1/15|
DE- <TITLE TERMS> ELECTRIC; VEHICLE; SHARE; VEHICLE; LOCATE; VEHICLE; PARK; STATE; DETECT; LINK; CENTRAL; FACILITY; VEHICLE; DISTRIBUTE; POINT; VEHICLE; SUBSYSTEM; REDUCE; ROAD; CONGESTED|
DC- Q17; T01; T05; T07; W05; X21|
IC- <MAIN> G06F-017/00; G06F-017/60; G07B-015/00; G08G-001/00|
IC- <ADDITIONAL> B60R-027/00; G07F-007/00; G08G-001/14|
MC- <EPI> T01-H07C5E; T01-J05A1; T01-J06B1; T05-C03; T05-H02C; T05-H05C; T07-A01B; T07-A05; T07-F; W05-D04A5; W05-D07D; X21-A01F; X21-A06; X21-X|
FS- EPI; EngPI||

7/4/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 2001-318734/200134|
XR- <XRPX> N01-229072|
TI- Electric **vehicle sharing** and **vehicle allocation** based on travel information with linked central facility, vehicle distribution points and vehicle subsystems, reducing road congestion|
PA- HONDA GIKEN KOGYO KK (HOND); UNIV CALIFORNIA (REGC); HONDA MOTOR CO LTD (HOND)|
AU- <INVENTORS> BARTH M J; MURAKAMI H; NAKAMURA K; TODD M D; YANO S|
NC- 027|
NP- 003|
PN- EP 1067480 A2 20010110 EP 2000305767 A 20000707 200134 B|
PN- JP 2001076288 A 20010323 JP 2000200749 A 20000703 200134
PN- SG 102577 A1 20040326 SG 20003722 A 20000704 200427|
AN- <LOCAL> EP 2000305767 A 20000707; JP 2000200749 A 20000703; SG 20003722 A 20000704|
AN- <PR> US 99349049 A 19990707|
FD- EP 1067480 A2 G07B-015/00
<DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI|
LA- EP 1067480(E<PG> 30); JP 2001076288(22)|
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LT; LU; LV; MC; MK; NL; PT; RO; SE; SI|
AB- <PN> EP 1067480 A2|
AB- <NV> NOVELTY - A **shared vehicle** system includes a central facility (12), at least one vehicle distribution point (14) with kiosk and terminal, and a fleet of vehicles (16), each having a vehicle subsystem (18). The central facility, the distribution point and the vehicle subsystems communicate so that a user (20) with PIN number or user ID (21) may enter information at a distribution point. The information, including the **estimated distance** and **time** of a **trip** , is transmitted to the central facility. Here the information is processed to select a **vehicle** to be **allocated** to the user at the distribution point.|
AB- <BASIC> DETAILED DESCRIPTION - Selection may be based on an available or soon to be available vehicle according to various algorithms which take into account the state of charge of all electric vehicles. The central facility also communicates with the distribution point and the vehicle subsystem to notify the user and provide secure access to the selected vehicle, to monitor the state of charge of electric vehicles and provide other functions. The vehicles communicate with the central station to notify user PIN number and vehicle parameters including state of charge. Reduction in individual vehicle ownership, lower parking requirements and integrated public and private transport facilities would reduce traffic congestion while offering improved public mobility.

USE - Provides an improved electric **vehicle sharing** scheme.

ADVANTAGE - Enables a minimum number of **shared** electric **vehicles** to give maximum convenience for participants by automated allocation, tracking, securing, relocating and battery charging.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram of the **vehicle sharing** system.

Central facility (12)
Distribution point (14)
Vehicles (16)

```
        Vehicle subsystem (18)
        User (20)
        User ID (21)
        pp; 30 DwgNo 1/15|
DE- <TITLE TERMS> ELECTRIC; VEHICLE; SHARE; VEHICLE; ALLOCATE; BASED;
    TRAVEL; INFORMATION; LINK; CENTRAL; FACILITY; VEHICLE; DISTRIBUTE;
    POINT; VEHICLE; SUBSYSTEM; REDUCE; ROAD; CONGESTED|
DC- T01; T05; X21|
IC- <MAIN> G06F-017/60; G07B-015/00; G08G-001/00|
IC- <ADDITIONAL> B60L-011/18; G07F-007/00; G08G-001/13|
MC- <EPI> T01-H07C5E; T01-J05A1; T01-J06B1; T05-D02; T05-G01; T05-H02C;
    T05-H05C; X21-A01F; X21-A06; X21-X|
FS- EPI||
?
```

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? show files;ds
File  15:ABI/Inform(R) 1971-2005/Jan 28
         (c) 2005 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2005/Jan 28
         (c) 2005 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2005/Jan 27
         (c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Jan 28
         (c) 2005 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jan 28
         (c) 2005 The Gale Group
File   9:Business & Industry(R) Jul/1994-2005/Jan 27
         (c) 2005  The Gale Group
File  20:Dialog Global Reporter 1997-2005/Jan 28
         (c) 2005 The Dialog Corp.
File 476:Financial Times Fulltext 1982-2005/Jan 28
         (c) 2005 Financial Times Ltd
File 610:Business Wire 1999-2005/Jan 28
         (c) 2005 Business Wire.
File 613:PR Newswire 1999-2005/Jan 28
         (c) 2005 PR Newswire Association Inc
File 634:San Jose Mercury  Jun 1985-2005/Jan 27
         (c) 2005 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2005/Jan 28
         (c) 2005 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File  13:BAMP 2005/Jan W3
         (c) 2005  The Gale Group
File  75:TGG Management Contents(R) 86-2005/Jan W3
         (c) 2005 The Gale Group
File  95:TEME-Technology & Management 1989-2004/Jun W1
         (c) 2004 FIZ TECHNIK

Set     Items   Description
S1     387944   (RENT? OR ALLOCAT? OR SHARE? OR SHARING OR LEASE? OR LEASI-
              NG OR DISTRIBUTE? OR DISTRIBUTING OR ASSIGN? ? OR ASSIGNING)(-
              5N)(CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR
              TRUCK? ? OR SHIP OR PLANE OR AIRPLANE OR AEROPLANE OR...
S2     490949   (TIME OR HOW()LONG OR START OR END)(2N)(BASED OR DEPEND? OR
               LENGTH OR DURATION OR ESTIMATED OR FINISH)
S3       2916   (DISTANCE OR HOW()FAR OR MILEAGE OR LENGTH OR MILE? ?)(3N)-
              (ESTIMATED OR APPROXIMATE OR BASED OR DEPEND?)(5N)(TRIP OR JO-
              URNEY OR VOYAGE OR FLIGHT OR TRAVEL)
S4         15   S1(3S)S2(3S)S3
S5         14   S4 NOT PY>1999
S6          9   RD (unique items)
?
```

? t6/3,k/all

6/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00598982 92-14155
Travel Bargains
Sheppard, Joan
Black Enterprise v22n8 PP: 86-87 Mar 1992
ISSN: 0006-4165 JRNL CODE: BEN
WORD COUNT: 1331

...TEXT: quantity by small businesses just as it is in large corporations. Deals for airline, hotel, **car - rental** and travel-agent services can be negotiated. The key, however, is to plan ahead for...

...trips taken, the number of nights spent in hotels and the number of airline and **rental car** bookings. Separate out repeat trips to the same destination.

* Make a calendar projecting next year's **travel** plans, from locations to the **estimated length** of **time** you will be gone. Be sure to include conventions and industry-related meetings you anticipate...

...this year.
* Call the sales or commercial travel department of all the airlines, hotels and **car - rental** companies your business used most frequently. Tell them your company would like to develop an...

6/3,K/2 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

06217099 Supplier Number: 54198430 (USE FORMAT 7 FOR FULLTEXT)
UC Riverside Students and Faculty 'Plug In' to 21st Century Transportation Concept.
PR Newswire, p1446
March 24, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 466

... port locations: University Village, the College of Engineering and CE-CERT. After entering information about **estimated trip time** and **distance** at the kiosk located at each port, the system **assigns** a **vehicle** to the IntelliShare user. The smart card also unlocks the car and turns it on...

...D is working closely with the University to research the logistics, management and technology of **car sharing** . Honda's participation includes research assistance, funding, vehicle maintenance and insurance, in addition to providing...

6/3,K/3 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

02513066 Supplier Number: 43323863 (USE FORMAT 7 FOR FULLTEXT)
Rental cars get phones to meet business needs
Crain's New York Business, p33
Sept 27, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 1074

... machine, which then brings the reservation information onto the screen. The customer chooses from the **cars** available in a specified **car rental** class, then the machine releases the car's keys and location information. It is also...hotel, commonly used business address or tourist site. The maps also will provide information on **mileage** and **estimated travel time** to the requested destination. The terminals are able to provide the directional information in six...

6/3,K/4 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

01913708 Supplier Number: 42438137 (USE FORMAT 7 FOR FULLTEXT)
Car Rentals
Business Travel News, ps16
Oct 14, 1991
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 645

... Point Directions in 40 cities in the U.S.; it claims to be the first **car rental** company to offer customized computer mapping directions to virtually any metropolitan-area address, including office...

...they're coming from, and the computer responds with narrative, step-by-step directions, with **mileage** and **estimated travel** time added for good measure. And it can do so in five languages--English, Spanish, French, German, and Italian (Japanese is soon to come).
Dollar **Rent** A **Car** , which recently underwent a total image redo, with a striking new corporate logo and overhaul...

6/3,K/5 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

01724894 Supplier Number: 42154872 (USE FORMAT 7 FOR FULLTEXT)
Budget Unveils Computerized Driving Directions
Business Travel News, p12
June 17, 1991
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 268

... party--and "felt it made too many erros to meet Hertz's quality standards."
Avis **Rent** A **Car** System Inc. and National **Car Rental** System Inc. do not offer computerized driving directions.
In addition to step-by-step directions, Budget's program, called Point-to-Point directions, provides **mileage** and **estimated travel time** to the destination. It is available in French, German, Italian and

Spanish as well as...

6/3,K/6 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

07884005 SUPPLIER NUMBER: 16927129 (USE FORMAT 7 OR 9 FOR FULL TEXT)
MAKE SURE THE PRICE IS RIGHT WHEN CALCULATING THE COST OF A MOVE; MOVING MADE EASY WITH PLANNING TIPS FROM HERTZ PENSKE TRUCK RENTAL
PR Newswire, p523PHFNS1
May 23, 1995
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 703 LINE COUNT: 00058

... understand how much time you are being given to make your trip, and extend the **length** of **time** on your rental agreement at the time of pick up if you expect your move will take extra time.
-- Protection plans available with your **truck rental** are optional, but it is a good idea to consider obtaining coverage for your trip...

...will provide coverage for you, your passengers and your cargo while in transit. Ask your **truck rental** agent to explain the different options and the coverage each option provides. Unlike some **car rentals** , insurance carried on a personal **vehicle** usually does not usually cover you on a **truck rental** .
-- Remember to budget for fuel. A 15-foot truck averages about 6 to 10 miles...

...re towing a car, the number of miles per gallon will be slightly lower. Most **truck rental** companies ask that the **truck** be returned with a full fuel tank. Filling up before you return the truck is...

...charged by the rental company.
-- Depending on the tax laws in the state where the **truck** is being **rented** , many if not all of the rental costs, will be taxable. State tax is usually...

6/3,K/7 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

05484170 SUPPLIER NUMBER: 11415950 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Car rental companies. (The Smart Business Traveller: Special Advertising Section)
Molyneaux, J.
U.S. News & World Report, v111, n19, pS4(2)
Nov 4, 1991
CODEN: XNWRA ISSN: 0041-5537 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 481 LINE COUNT: 00036

... You type in your destination and starting point and the computer responds with exact routes, **mileage** and **estimated travel time** . Directions are available in six languagesEnglish, Spanish, French, German, Italian and Japanese.
Car rental firms are also responding to the demand for car phones. Hertz now has 8,000 cars in 30 major cities equipped with cellular

phones-some mobile, some installed. Dollar **Rent** A **Car** is in the process of installing cellular phones in all luxury cars (and some standard...

6/3,K/8 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01718153 SUPPLIER NUMBER: 16373213
On the road again. (Rand McNally New Media's TripMaker trip-planning software) (Software Review) (Evaluation)
Rich, Susan
Windows Magazine, v5, n12, p214(1)
Dec, 1994
DOCUMENT TYPE: Evaluation ISSN: 1060-1066 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: and towns. The user enters a routing preference and clicks the Calculate button to obtain **mileage** and **estimated time** for the **trip** , display the route from a large map database and list directions. Clicking Calculate again allows...

...as well as state and provincial regulations; toll-free numbers for airlines, hotel chains and **car rental** agencies; and a Trip Costs option for estimating a travel budget. The map printout shows...

6/3,K/9 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01473223 SUPPLIER NUMBER: 12336499
Plan your vacation from your keyboard. (Software Review) (brief evaluations of four shareware packages) (Evaluation)
Matthews, Noah
San Jose Mercury News, p2F(1)
May 31, 1992
DOCUMENT TYPE: Evaluation ISSN: 0747-2099 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: most direct or most scenic route; it then prints the route to take along with **estimated travel time** and **miles** traveled. Facts Online's **Travel** Points of Interest contains a database of places to visit and comes with approximately 1...

...30 TravelWare lets users schedule events before, during and after a trip; note flight numbers, **car rental** details, hotel reservations and confirmation numbers; and track expenses.
?

```
? show files;ds
File 348:EUROPEAN PATENTS 1978-2005/Jan W03
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20050127,UT=20050120
         (c) 2005 WIPO/Univentio

Set     Items   Description
S1       5094   (RENT? OR ALLOCAT? OR SHARE? OR SHARING OR LEASE? OR LEASI-
             NG)(5N)(CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER
              OR TRUCK? ? OR SHIP OR PLANE OR AIRPLANE OR AEROPLANE OR FRE-
             IGHT)
S2       5180   (DISTRIBUTE? OR DISTRIBUTING OR ASSIGN? ? OR ASSIGNING)(5N-
             )(CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR T-
             RUCK? ? OR SHIP OR PLANE OR AIRPLANE OR AEROPLANE OR FREIGHT)
S3     119105   (TIME OR HOW()LONG)(2N)(BASED OR DEPEND? OR LENGTH OR DURA-
             TION OR ESTIMATED)
S4        791   (DISTANCE OR HOW()FAR OR MILEAGE OR LENGTH OR MILE? ?)(3N)-
             (ESTIMATED OR APPROXIMATE OR BASED OR DEPEND?)(5N)(TRIP OR JO-
             URNEY OR VOYAGE OR FLIGHT OR TRAVEL)
S5         34   (S1 OR S2) AND S3 AND S4
S6          5   (S1 OR S2)(3S)S3(3S)S4
S7          9   S5 NOT PY>1999
S8          9   S7 NOT S6
?
```

? t6/3,k/all

6/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01230979
Vehicle sharing system and method with parking state detection
System zum Teilen der Nutzung von Fahrzeugen und Verfahren zur Parkzustandserfassung
Systeme de partage d'utilisation de vehicules et methode avec detection d'etat de stationnement
PATENT ASSIGNEE:
Honda Giken Kogyo Kabushiki Kaisha, (237839), 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, (JP), (Applicant designated States: all)
The Regents of the University of California, (2289354), 12th Floor, 1111 Franklin Street, Oakland, CA 94607-5200, (US), (Applicant designated States: all)
INVENTOR:
Murakami, Hiroshi c/o Kabushiki Kaisha Honda, Gijutsu Kenkyusho, 4-1 Chuo 1-chome, Wako-shi,, Saitama-ken, (JP)
Yano, Shunji c/o Kabushiki Kaisha Honda, Gijutsu Kenkyusho, 4-1 Chuo 1 chome, Wako-shi,, Saitama-ken, (JP)
Nakamura, Kazuhiro Kabushiki Kaisha Honda, Gijutsu Kenkyusho, 4-1 Chuo 1-chome, Wako-shi, Saitama-ken, (JP)
Barth, Matthew James, 6529 Dante Circle, Riverside, California 92506, (US)
Todd, Michael Donovan, 619 Glenwood Drive, Redlans California 92373, (US)
LEGAL REPRESENTATIVE:
Cheyne, John Robert Alexander Mackenzie et al (41272), Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD, (GB)
PATENT (CC, No, Kind, Date): EP 1067481 A2 010110 (Basic)
EP 1067481 A3 040414
APPLICATION (CC, No, Date): EP 2000305768 000707;
PRIORITY (CC, No, Date): US 349426 990707
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G07B-015/00; G07F-007/00
ABSTRACT WORD COUNT: 235
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200102	1429
SPEC A	(English)	200102	12775
Total word count - document A			14204
Total word count - document B			0
Total word count - documents A + B			14204

...SPECIFICATION group. Thus, a determination is made of the total charge necessary to safely make the **trip** , **based** on the expected destination, additional **distance** and/or additional time information entered by the user. The total necessary charge is compared...

...above-defined group is reserved for the long-distance user and the second highest SOC **vehicle** is **allocated** to other users. Of course, if the group consists of only one **vehicle** , then that **vehicle** is **allocated** to the user, rather than reserving the vehicle for a further

prospective long-distance user...

...and so forth. Moreover, different numbers of vehicles may be reserved for long-distance users **depending** upon the **time** of the day or the day of the week, statistical or simulated use patterns, vehicle...information in block 284. The user request information consists of information such as vehicle destination, **estimated time** of the **trip** , and **estimated distance** of the **trip** . When the user information has been collected the registration web server 256 queries the shared...

...in block 292, the registration web server 256 stores the trip request data in the **shared vehicle** database in block 298. Finally in block 300 a computer control process polls the vehicle...

6/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

01230978
Vehicle sharing system and method with vehicle allocation based on travel information
System zum Teilen der Nutzung von Fahrzeugen und Verfahren mit auf Reiseinformationen basierender Fahrzeugzuordnung
Systeme de partage d'utilisation de vehicules et methode avec affectation de vehicules basee sur donnees de parcours
PATENT ASSIGNEE:
Honda Giken Kogyo Kabushiki Kaisha, (237839), 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, (JP), (Applicant designated States: all)
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, (2137865), 12th Floor, 1111 Franklin Street, Oakland, California 94607-5200, (US), (Applicant designated States: all)
INVENTOR:
Murakami,Hiroshi c/o Kabushiki Kaisha Honda, Gijutsu Kenkyusho, 4-1 Chou 1-chome, Wako-shi,, Saitama-ken, (JP)
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LEGAL REPRESENTATIVE:
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PATENT (CC, No, Kind, Date): EP 1067480 A2 010110 (Basic)
EP 1067480 A3 040407
APPLICATION (CC, No, Date): EP 2000305767 000707;
PRIORITY (CC, No, Date): US 349049 990707
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G07B-015/00; G07F-007/00
ABSTRACT WORD COUNT: 244
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200102	1677
SPEC A	(English)	200102	12775
Total word count - document A			14452
Total word count - document B			0
Total word count - documents A + B			14452

...ABSTRACT A2
A **shared** **vehicle** system includes a central facility 12, at least one vehicle distribution port facility 14 and...

...allow a user to enter information at a port facility 14. That information, including an **estimated** **distance** and **time** **duration** of a **trip** , is then communicated to the central facility 12, where the information is processed to select a **vehicle** 16 from the fleet to **allocate** to the user 20 at the port facility 14. Selection of a **vehicle** 16 for **allocation** to a user 20 may be based on selecting an available or soon to be...

...SPECIFICATION group. Thus, a determination is made of the total charge necessary to safely make the **trip** , **based** on the expected destination, additional **distance** and/or additional time information entered by the user. The total necessary charge is compared...

...above-defined group is reserved for the long-distance user and the second highest SOC **vehicle** is **allocated** to other users. Of course, if the group consists of only one **vehicle** , then that **vehicle** is **allocated** to the user, rather than reserving the vehicle for a further prospective long-distance user...

...and so forth. Moreover, different numbers of vehicles may be reserved for long-distance users **depending** upon the **time** of the day or the day of the week, statistical or simulated use patterns, vehicle...information in block 284. The user request information consists of information such as vehicle destination, **estimated** **time** of the **trip** , and **estimated** **distance** of the **trip** . When the user information has been collected the registration web server 256 queries the shared...

...in block 292, the registration web server 256 stores the trip request data in the **shared** **vehicle** database in block 298. Finally in block 300 a computer control process polls the vehicle...

...CLAIMS processing said request and allocating a vehicle to each request; wherein said request includes an **estimated** **distance** and **time** **duration** of an intended **trip** .

2. A **vehicle** **sharing** system, according to claim 1, wherein said terminal includes a display of a map of a serviced area, and said **estimated** **distance** of an intended **trip** is indicated by selection of a zone defined in said map.
3. A **vehicle** **sharing** system, according to claim 2, wherein each **shared** **vehicle** is provided with a GPS which provides location information to a vehicle operator according to the selection of the zone when making the request.
4. A **vehicle** **sharing** system, according to claim 1, wherein said terminal includes a display device and is programmed to display the identity of the **allocated** **vehicle** .
5. A **vehicle** **allocation** system for **allocating** one or more **vehicles** from a fleet of vehicles to one or more users, the vehicle allocation system comprising...

6/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01230959
Shared vehicle system and method involving reserving vehicles with highest states of electrical charge
Verfahren und Vorrichtung fur die Reservierung von anteilig genutzten Fahrzeugen mit der grossten elektrischen Ladung
Methode et dispositif pour la reservation partagee des vehicules avec la charge electrique majeur
PATENT ASSIGNEE:
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The Regents of the University of California, (2289354), 12th Floor, 1111 Franklin Street, Oakland, CA 94607-5200, (US), (Proprietor designated states: all)
INVENTOR:
Murakami, Hiroshi, c/o KK Honda Gijutsu Kenkyusho, 4-1 Chuo 1-chome, Wako-shi, Saitama-ken, (JP)
Yano, Shunji, c/o KK Honda Gijutsu Kenkyusho, 4-1 Chuo 1-chome, Wako-shi, Saitama-ken, (JP)
Nakamura, Kazuhiro, c/o KK Honda Gijutsu Kenkyusho, 4-1 Chuo 1-chome, Wako-shi, Saitama-ken, (JP)
Barth, Matthew James, 6529 Dante Circle, Riverside, California 92506, (US)
Todd, Michael Donovan, 619 Glenwood Drive, Redlands, California 92373, (US)
LEGAL REPRESENTATIVE:
Cheyne, John Robert Alexander Mackenzie et al (41273), Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD, (GB)
PATENT (CC, No, Kind, Date): EP 1067498 A1 010110 (Basic)
EP 1067498 B1 040526
APPLICATION (CC, No, Date): EP 2000305739 000707;
PRIORITY (CC, No, Date): US 349423 990707
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G08G-001/127; G08G-001/123
ABSTRACT WORD COUNT: 288
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200102	2625
CLAIMS B	(English)	200422	437
CLAIMS B	(German)	200422	456
CLAIMS B	(French)	200422	466
SPEC A	(English)	200102	12776
SPEC B	(English)	200422	11960
Total word count - document A			15404
Total word count - document B			13319
Total word count - documents A + B			28723

...SPECIFICATION group. Thus, a determination is made of the total charge necessary to safely make the **trip** , **based** on the expected destination,

additional **distance** and/or additional time information entered by the user. The total necessary charge is compared...

...above-defined group is reserved for the long-distance user and the second highest SOC **vehicle** is **allocated** to other users. Of course, if the group consists of only one **vehicle** , then that **vehicle** is **allocated** to the user, rather than reserving the vehicle for a further prospective long-distance user...

...and so forth. Moreover, different numbers of vehicles may be reserved for long-distance users **depending** upon the **time** of the day or the day of the week, statistical or simulated use patterns, vehicle...information in block 284. The user request information consists of information such as vehicle destination, **estimated time** of the **trip** , and **estimated distance** of the **trip** . When the user information has been collected the registration web server 256 queries the shared...

...in block 292, the registration web server 256 stores the trip request data in the **shared vehicle** database in block 298. Finally in block 300 a computer control process polls the vehicle...

...SPECIFICATION group. Thus, a determination is made of the total charge necessary to safely make the **trip** , **based** on the expected destination, additional **distance** and/or additional time information entered by the user. The total necessary charge is compared...

...above-defined group is reserved for the long-distance user and the second highest SOC **vehicle** is **allocated** to other users. Of course, if the group consists of only one **vehicle** , then that **vehicle** is **allocated** to the user, rather than reserving the vehicle for a further prospective long-distance user...

...and so forth. Moreover, different numbers of vehicles may be reserved for long-distance users **depending** upon the **time** of the day or the day of the week, statistical or simulated use patterns, vehicle...information in block 284. The user request information consists of information such as vehicle destination, **estimated time** of the **trip** , and **estimated distance** of the **trip** . When the user information has been collected the registration web server 256 queries the shared...

...250 selects an available vehicle from the database 258 to satisfy the user request. The **allocated vehicle** is identified to the user, for example by displaying identification information to the user on...

...in block 292, the registration web server 256 stores the trip request data in the **shared vehicle** database in block 298. Finally in block 300 a computer control process polls the vehicle...

6/3,K/4 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01181706 **Image available**
ELEVATOR CAR SEPARATION BASED ON RESPONSE TIME
SEPARATION DE CABINES D'ASCENCEURS FONDEE SUR LE TEMPS DE REPONSE
Patent Applicant/Assignee:
OTIS ELEVATOR COMPANY, Intellectual Property Department, 10 Farm Springs, Farmington, CT 06032, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:
CHRISTY Theresa, 254 Westpoint Terrace, West Hartford, CT 06107, US, US (Residence), US (Nationality), (Designated only for: US)
ROSS Mark, 301 Walnut Tree Hill Road, Shelton, CT 06484, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
OSBORN Thomas (agent), Otis Elevator Company, 10 Farm Springs, Farmington, CT 06032, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 2004103877 A1 20041202 (WO 04103877)
Application: WO 2003US16087 20030519 (PCT/WO US03016087)
Priority Application: WO 2003US16087 20030519
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 2925

Fulltext Availability:
Detailed Description

Detailed Description
Elevator Car Separation **Based** on Response **Time**
Technical Field
This invention relates to dispatching elevator cars in a manner which takes into...
...group are in close physical proximity to each other, taking into account the direction of **travel** . Traditional anti-bunching techniques are **based** on the **distance** between each car and the car directions.

Disclosure of Invention
Objects of the invention include...

6/3,K/5 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01092226 **Image available**
METHOD, SYSTEM AND APPARATUS FOR PROVIDING TRANSPORTATION SERVICES
PROCEDE, SYSTEME ET APPAREIL PERMETTANT D'ASSURER DES SERVICES DE TRANSPORT
Patent Applicant/Assignee:
LIMOQ INC, 317 Madison Avenue, New York, NY 10017, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
MASHINSKY Alex, 317 Madison Avenue, Suite 210, New York, NY 10017, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
HANCHUK Walter G (agent), Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154, US,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200413733 A2-A3 20040212 (WO 0413733)
Application: WO 2003US24252 20030804 (PCT/WO US03024252)
Priority Application: US 2002400603 20020802
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10322

Fulltext Availability:
Detailed Description

Detailed Description
... matching of drivers and passengers can be made based on many parameters including price, location, **length** of **time** required, pickup and delivery flexibility, willingness to share a ride, payment method, amount of gratitude...

...drivers with older sedans. The system I 00 also automatically provides I 0 pricing information **based** on **time** of day so supply & demand considerations, traffic congestion, historical pricing data and special charges may...

...located near the anticipated destination of the vehicle. The matching may be perfornied based on **estimated** travel **time** of the car that is en route, which in turn may be based -upon historical...

...because of change in reservation, cancellation or high demand. Also, the 9
system may compare **car** companies (taxis, livery **cars** , **rental cars** , **trucks** , including the cost of drivers where applicable) **based** on charging methods. That is, an **estimated** route **distance** and **travel** time of the **trip** requested by the customer may be calculated. Then, the cost of the **trip** for cars charging **based** on **distance** traveled can be compared with cars charging for **travel** time. Then, a recommended choice based on the least expensive option may be recommended to...

...credit card authorization equipment with them. By centralizing car availability and scheduling R-om many **car** , taxi and **rental** companies a much higher availability, utilization and matching of supply and demand is possible. This...
...query for only retum trips from Hartford to New York City. As mentioned above, an **estimated time** of arrival may be determined automatically based on various factors, and thus, a match may...
?

? t8/3,k/all

8/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00520732 **Image available**
A DEVICE FOR CALCULATING FARES IN VEHICLES, PARTICULARLY TAXIS, COLLECTIVE TAXIS, BUSES, OR THE LIKE
DISPOSITIF DE CALCUL DE TARIFS DANS DES VEHICULES, NOTAMMENT DANS DES TAXIS, COLLECTIFS OU NON, ET DES BUS OU ANALOGUE
Patent Applicant/Assignee:
GIACOPINELLI Valerio,
PREMUDA Giovanni,
RIVA Giorgio,
Inventor(s):
GIACOPINELLI Valerio,
PREMUDA Giovanni,
RIVA Giorgio,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9952084 A1 19991014
Application: WO 99EP2135 19990329 (PCT/WO EP9902135)
Priority Application: IT 98SV20 19980403
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 3332

Fulltext Availability:
Detailed Description

Detailed Description
... also include a reference parameter indicating the maximum trip cost.

This parameter may be dynamic,, **depending** on the **trip** **length** from origin to destination.

Advantageously, the device comprises display means outside the vehicle, which indicate...

...101
for the control programl for storing parameters relating to the user code, the trip **time** ., the trip **length** ,, the trip start and end time, as well as the number of users and the...which is duly stored. The trip starts and so does
the calculation of the cost **based** on **time** and distance in kilometers. The potential next customers, which could share at least a part...at
the same time,, i.e. the trip cost decreases as the number of users **sharing** the **vehicle** increases, and automatically increases when one or more users get out of the vehicle. In...

8/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00480749 **Image available**

METHOD, SOFTWARE AND APPARATUS FOR SAVING, USING AND RECOVERING DATA

PROCEDE, LOGICIEL ET DISPOSITIF PERMETTANT DE SAUVEGARDER, UTILISER ET RECUPERER DES DONNEES

Patent Applicant/Assignee:
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SCHNEIDER Eric D,
FERRIL William C,
WHEELER Douglas N,
SCHWARTZ Lawrence E,
BRUGGEMAN Edward W,

Inventor(s):
SCHNEIDER Eric D,
FERRIL William C,
WHEELER Douglas N,
SCHWARTZ Lawrence E,
BRUGGEMAN Edward W,

Patent and Priority Information (Country, Number, Date):
Patent: WO 9912101 A2 19990311
Application: WO 98US18863 19980904 (PCT/WO US9818863)
Priority Application: US 97924198 19970905; US 9839650 19980316; US 98105733 19980626

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US US US UZ VN YU
ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG

Publication Language: English
Fulltext Word Count: 51490

Fulltext Availability:
Detailed Description

Detailed Description

... current version as a result of a crash. Further, this approach was file
1 3
based and not **time** **based** resulting in old versions being maintained for data that had not been altered for a...reversion time, the system can present a summary of the user's interaction around that **time** **based** on keystrokes and other user interaction information saved at that time. An example of other...back in time as far as the history buffer's size permits. The amount of **time** **depends** on the user's write activity. Writing heavily to a disk reduces the distance back...change as are obvious to anyone skilled in the part of programming.

GrouDin Disk Activily **Based** on **Time**

As already discussed, it is important to know where in the history buffer are 1...into two passes across the disk, although the number of seeks is not reduced, the **distance** the head must **travel** is reduced.

Depending on the disk drive technology this may or may not be significant.

However, the two...invention for implementing the various computer-implemented embodiments described above is, in one exemplary form, **distributed** on a **carrier** media such as a floppy disk II 6, CD-ROM II 8 or by data...

8/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00464217 **Image available**
GENERATION AND DELIVERY OF TRAVEL-RELATED, LOCATION-SENSITIVE INFORMATION
GENERATION ET TRANSMISSION D'INFORMATIONS LIEES AU DEPLACEMENT ET EN FONCTION D'UN EMPLACEMENT GEOGRAPHIQUE
Patent Applicant/Assignee:
BOOTH David S,
Inventor(s):
BOOTH David S,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9854682 A1 19981203
Application: WO 98US10960 19980529 (PCT/WO US9810960)
Priority Application: US 97866360 19970530
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 20269

Fulltext Availability:
Detailed Description
Claims

Detailed Description
... database system is an in-vehicle navigation system recently introduced by some automobile manufacturers and **rental car** agencies -- such a system guides the driver of the car equipped with the navigation system ...

...database covering a pre-deten-nined area (typically the area within a radius of the **car rental** agency, that is, the anticipated area of use by the **car rental** driver); (3) a device for inputting to the computer the desired destination; and (4) a...

...local area, the system is somewhat expensive because costly equipment must be replicated for each **vehicle** . Moreover, if a **rental car** is driven outside the anticipated radius covered by the local map, and the map database...expensive because each vehicle carries sophisticated electronic devices.

Accordingly, to provide maximal utility to the **rental car** driver, a meritorious advance in the art would provide an up-to-date map with...or historic travel time
information for each road segment, or both; and
(7) the travel **time** information is **based** on measurements of vehicles'

actual travel times, rather than assumptions based on speed limits and... to a predetermined destination, information about a change to a previously selected route plan, an **estimated time** of arrival at a predetermined destination, infortnation about a change from a previously **estimated time** of arrival, guidance toward a destination, a reminder of an upcoming exit or road change...the source node, this algorithm finds the fastest route to the destination and computes the **estimated** arrival **time** at the destination.

Once SelectionAlgorithin 1104 has selected a route plan to the destination, Guide...this is have the SelectionAlgorithm watch for an increase, beyond a prescribed threshold, in the **estimated travel distance** from the specified destination.

VII. Diapatching Vehicles
In another embodiment, system 1 100 assists in...available taxi to reach the customer's location, and dispatches the taxi with the earliest **estimated** arrival **time** .

System 1 1 00 also automatically patches the customer through to the taxi driver, establishing...

...by estimating the arrival time of each occupied taxi at its destination, and adding an **estimated** passenger unloading **time** . Of course, these techniques can be applied to many other dispatching applications as well.

In...mail message, or a pager message. Or system 2100 notifies user 2106 only if the **estimated** departure **time** differs sufficiently from a previously assumed or usual departure time. Or system 2100 notifies user ...links representing the fastest path from the sourceNode to the destinationNode.

arrivalTime of destinationNode The **estimated time** of arrival at the destinationNode.

This algorithm uses the following variables.
Variable Explanation
sourceNode The...

Claim
... geolocation data includes time stamps, and said means for processing includes means for computing an **estimated** vehicle travel **time** for at least one road segment along said travel path with reference to said time ...previously selected route.

24 The system of claim 21 further comprising means for computing an **estimated** arrival **time** of a vehicle at said destination.

25 The system of claim 24 wherein said location...

...said system further comprises means for notifying a user at a remote location if said **estimated** arrival **time** differs from a previously **estimated** arrival **time** .

26 The system of claim 17 further comprising means for computing an **estimated** departure **time** , from a specified source location, required to arrive at a specified destination location at a...

...said system further comprises means for notifying a user at a remote location if said **estimated** departure **time** differs from a previously

estimated departure **time** .

29 A method for generating map database information comprising the steps of
accessing vehicle geolocation...said vehicle geolocation data includes time stamps, and further comprising the step of computing an **estimated** vehicle travel **time** for at least one road segment along said travel path.

32 The method of claim...selected route.
5 1. The method of claim 47 wherein said selection algorithm computes an **estimated** arrival **time** of a vehicle at said destination.

52 The method of claim 51 including the step...

...on observed travel conditions, and further including the step of notifying the user if said **estimated** arrival **time** differs from a previously **estimated** arrival **time** .

53 The method of claim 44 wherein said selection algorithm selects an **estimated** departure **time** , from a specified source location, required to arrive at a specified destination location at a...
...and further including the step of notifying the user at the remote location if said **estimated** departure **time** differs from a previously **estimated** departure **time** .

8/3,K/4 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00450295 **Image available**
METHOD OF AND SYSTEM FOR DETERMINING A ROUTE OR TRAVEL BY A VEHICLE
PROCEDE ET SYSTEME DE DETERMINATION DE L'ITINERAIRE EMPRUNTE PAR UN VEHICULE
Patent Applicant/Assignee:
QUALCOMM INCORPORATED,
Inventor(s):
DOYLE Thomas F,
BAUCKMAN Mark,
HARLOW Dennis,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9840759 A1 19980917
Application: WO 98US4965 19980311 (PCT/WO US9804965)
Priority Application: US 9736239 19970314; US 97951033 19971015
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 10111

Fulltext Availability:
Detailed Description

Detailed Description

... and the mileage allocated to each jurisdiction deemed to be highly accurate.

If a significant **mileage** mismatch if found between odometer **mileage** and **estimated** route **mileage** within an odometer segment,, alternate **travel**
routes are examined to see if the **mileage** difference can be reduced or eliminated. If no alternate route resolves the mileage mismatch,, tests ...transmission of any text message, pre-formatted or not, because the vehicle positions are calculated **based** upon the **time** differential between data received from data satellite 4 and data received by positioning satellite 6...segments, each segment ending at the jurisdictional
boundary. This allows the routing program to accurately **allocate** miles between jurisdictions when **vehicle** 8 crosses from one jurisdiction into another. Once all position segments have been identified, the...Route Validation using Odometer Information
Once the miles driven per jurisdiction have been calculated, the **estimated** route of **travel** can be checked by comparing the **estimated** route **mileage** to the actual odometer mileage reported by vehicle 8, shown as step ,50 in FIG...

8/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00427633 **Image available**
TRANSPORTATION RESERVATION SYSTEM
SYSTEME DE RESERVATION DE TRANSPORTS
Patent Applicant/Assignee:
GTN TECHNOLOGIES L L C,
Inventor(s):
ABATE Robert J,
STARR Jeffrey T,
STARR Marilyn G,
STARR Michael L,
WAGNER Richard T,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9818096 A1 19980430
Application: WO 97US19202 19971023 (PCT/WO US9719202)
Priority Application: US 96736408 19961024
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU CA JP KR RU AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 8907
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... basis P'lane" pricing) for
frequent trips, for example, airport service. The fare
for a **trip** on a per **mile** basis will vary **depending** on the
route taken and possibly, traffic encountered (if there is
a time surcharge). Billing...by the ground transportation
reservation system server 10.

To automatically dispatch a vendor's 12
vehicles , the server 10 **assigns** **vehicles** to fulfill ground
transportation service requests 30 based on a number of
variables including, for example, the following: start...

...and drop offs of that
vehicle following the localized problem by a certain
amount of **time** determined **based** on the severity of the
localized problem.
The communication of dispatching instructions to
drivers of...

...vendors subscribing to automated
dispatching of the invention can be identified.

The server 10 then **assigns** 142 a **vehicle** to
fulfill the request for ground transportation services.

Factors that the server 10 takes into account to **assign** a
vehicle include, for example, the following: the
proximity of an available or nearly available vehicle to...

Claim
... database for storing information
related to the transportation assets;
a reservation database for storing a **time**
based list of transportation service requests;
a vendor database for storing a list of
vendors capable...

8/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00303284 **Image available**
INFORMATION SYSTEM FOR CONTROLLING OF VEHICLES
SYSTEME INFORMATIQUE DE GUIDAGE ET DE SURVEILLANCE DES VEHICULES
Patent Applicant/Assignee:
RISING Rolf,
Inventor(s):
RISING Rolf,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9521435 A1 19950810
Application: WO 95SE91 19950201 (PCT/WO SE9500091)
Priority Application: SE 94319 19940202
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 4050

Fulltext Availability:
Detailed Description
Detailed Description
... INVENTION.

Road transport informatics is an area of growing importance
in pace with the growing **share** of **transportation** in

production systems for products and services. Fundamental for this development are communication possibilities with...Row 1 shows the tele-number to the first destination and row 2 shows road **distance** and **estimated travel time** from the origin.

2) Row 1 shows the tele-number to the second destination and row 2 shows road **distance** and **estimated travel time** from the first destination,
3) Row 1 shows the tele-number to the third destination and row 2 shows road **distance** and **estimated travel time** from the second destination.

Route guidance (see below) can then be ordered from the recommended...In addition, the destination address, the road distance thereto,, and an estimate of the arrival **time based** on estimates at each turn or at each ten kilometres are also included.

To present...

...street designation (12 first characters) , Row 2 shows present road distance to the destination and **estimated** arriving **time** .

B) Before a turn is to be made, row 1 shows the next road or route plan contains names or number of all roads and streets on the **trip** , and the road **distance** and **estimated travel time** between all turns. In addition, the destination address, the total road **distance** and **estimated travel time** are also included.

The route guidance can also include information concerning all open gas stations...

8/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00192027
INTEGRATED VEHICLE POSITIONING AND NAVIGATION SYSTEM, APPARATUS AND METHOD
SYSTEME, APPAREIL ET PROCEDE INTEGRES DE CALCUL DE POSITION ET DE NAVIGATION POUR VEHICULES
Patent Applicant/Assignee:
CATERPILLAR INC,
GUDAT Adam J,
BRADBURY Walter J,
CHRISTENSEN Dana A,
CLOW Richard G,
DEVIER Lonnie J,
KEMNER Carl A,
KLEIMENHAGEN Karl W,
KOEHRSEN Craig L,
KYRTSOS Christos T,
LAY Norman K,
PETERSON Joel L,
RAO PRITHVI N,

SCHMIDT Larry E,
SENNOTT James W,
SHAFFER Gary K,
SHI WenFan,
SHIN Dong Hun,
SINGH Sanjiv J,
STAFFORD Darrell E,
WEINBECK Louis J,
WEST Jay H,
WHITTAKER William L,
WU BaoXin,
Inventor(s):
GUDAT Adam J,
BRADBURY Walter J,
CHRISTENSEN Dana A,
CLOW Richard G,
DEVIER Lonnie J,
KEMNER Carl A,
KLEIMENHAGEN Karl W,
KOEHRSEN Craig L,
KYRTSOS Christos T,
LAY Norman K,
PETERSON Joel L,
RAO PRITHVI N,
SCHMIDT Larry E,
SENNOTT James W,
SHAFFER Gary K,
SHI WenFan,
SHIN Dong Hun,
SINGH Sanjiv J,
STAFFORD Darrell E,
WEINBECK Louis J,
WEST Jay H,
WHITTAKER William L,
WU BaoXin,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9109375 A1 19910627
Application: WO 89US5580 19891211 (PCT/WO US8905580)
Priority Application: WO 89US5580 19891211
Designated States:
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AT AU BE BR CH CH DE DE DK ES ES FI FR GB GB IT JP KR LU NL NL NO RO SE SE SU US
Publication Language: English
Fulltext Word Count: 50638
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... by each satellite, The GPS receiver 706 compares this determined distance with an expected distance **based** on the **time** and an **estimated** position. If the distances are within a given range, then the data from satellites is...3318 in Cartesian space,
Consequently, referenced inputs to the servo controllers are generated in real **time** , **based** on positioned feedback 3114 (as shown in Figure 36).

b, eparate steering and drivinq
control...steer and speed
corrections 420, It sends them to the vehicle 310,
thereby controlling the **vehicle** 's course,
jo NAVIGATOR **SHARED** (GLOBAL) MEMORY
As mentioned above with regar to the navigator
tasks 5300, the navigator 406...

Claim
... determining an expected vehicle posture
(3216) at a future time corresponding to a current
planning **time** interval **based** on the actual vehicle
posture (3210, 3212, 3218);
(4) determining a desired posture (3204,
3212...determining an expected
vehicle posture (3216) at a future time corresponding
to a current planning **time** interval **based** on the
actual vehicle posture (3210, 3212, 3218);
(4) means for determining a desired posture...vehicle commands to reduce
said calculated
errors, further includes means for varying a
look-ahead **distance** (3310) **based** on the speed of
travel of said vehicle (310),

87 (New) The system (5306) for a vehicle
(310) for enabling...to reduce said calculated errors,
further includes the step of:
(c) varying a look-ahead **distance** (3310)
based on the speed of **travel** of said vehicle (310).
94 (New) The method (5306) for a vehicle
(310) for enabling...

8/3,K/8 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00191927 **Image available**
INTEGRATED VEHICLE POSITIONING AND NAVIGATION SYSTEM, APPARATUS AND METHOD
PROCEDE, APPAREIL ET SYSTEME DE NAVIGATION ET DE POSITIONNEMENT INTEGRES DE VEHICULES
Patent Applicant/Assignee:
CATERPILLAR INC,
Inventor(s):
KYRTSOS Christos T,
GUDAT Adam J,
CHRISTENSEN Dana A,
FRIEDRICH Douglas W,
STAFFORD Darrell E,
SENNOTT James W,
BRADBURY Walter J,
CLOW Richard G,
DEVIER Lonnie J,
KEMNER Carl A,
KLEIMENHAGEN Karl W,
KOEHRSEN Craig L,
LAY Norman K,
PETERSON Joel L,
RAO Prithvi N,
SCHMIDT Larry E,

SHAFFER Gary K,
SHI WenFan,
SHIN Dong Hun,
SINGH Sanjiv J,
WEINBECK Louis J,
WEST Jay H,
WHITTAKER William L,
WU BaoXin,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9109275 A2 19910627
Application: WO 90US7183 19901210 (PCT/WO US9007183)
Priority Application: WO 89US5580 19891211
Designated States:
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AT BR CA DE FR GB JP SE SU
Publication Language: English
Fulltext Word Count: 66470

Fulltext Availability:
Claims

Claim
... 3318 in Cartesian space,
Consequently, referenced inputs to the
servo-controllers are generated in real **time** , **based** on
positioned feedback 3114 (as shown in Figure 36),
bi SEPARATE STEERING AND DRIVING
CONTROL...steer
and speed corrections 420. It sends them to the
vehicle 102, thereby controlling the **vehicle** 's course,
j, NAVIGATOR **SHARED** (GLOBAL) MEMORY
As mentioned above with regard to the
navigator tasks 5300, the navigator 406...determining an expected vehicle posture
(3216) at a future time corresponding to a current
planning **time** interval **based** on the actual vehicle
posture (3210, 3212f 3218);
(4) determining a desired posture (3204,
3212...

...determining an expected
vehicle posture (3216) at a future time corresponding
to a Current planning **time** interval **based** on the
actual vehicle posture (3210, 3212F 3218);
(4) means for determining a desired posture...vehicle
commands to reduce said calculated errors, further
includes means for varying a look-ahead **distance**
(3310) **based** on the speed of **travel** of said vehicle
(310)e
189, The system (5306) for a vehicle (310)
for enabling...to reduce said calculated errors, further
includes the step of:
(c) varying a look-ahead **distance** (3310)
based on the speed of **travel** of said vehicle (310).
196* The method (5306) for a vehicle (310)
for enabling said...

8/3,K/9 (Item 9 from file: 349)

00171383
TRANSPORTATION DISPATCH AND DELIVERY TRACKING SYSTEM
SYSTEME DE TRANSPORTS ASSURANT L'EXPEDITION ET LE SUIVI DE LIVRAISONS
Patent Applicant/Assignee:
DIGITAL WIRELESS CORPORATION,
Inventor(s):
NATHANSON Martin,
BROWN David,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9004834 A1 19900503
Application: WO 89US4822 19891027 (PCT/WO US8904822)
Priority Application: US 8848 19881028
Designated States:
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AT AT AU BE CH CH DE DE DK FI FR GB GB IT JP LU LU MC NL NL NO SE SE
Publication Language: English
Fulltext Word Count: 16584

Fulltext Availability:
Detailed Description
Claims

English Abstract
...are displayed in an icon-based format. The software of the system calculates minimum travel **time based** upon a tree-node decision algorithm that matches street distances, and travel times to real...

Detailed Description
... item to a second zone outside its own territory. Thus, it may be preferable to **assign** that **vehicle** to a new pick up in the second zone, rather than having the vehicle returned...a plurality of ancillary functions, Such functions include: address location work, point-to point travel **time** estimation **based** upon road network and expected traffic conditions, and the communication of vital information to customers...

...to efficiently schedule deliveries.

Another object of the present invention is to provide for a **vehicle** dispatch system that **assigns** the most appropriate **vehicle** to a given event,
It is an additional object of the present invention to provide...for the selection of candidate vehicles based upon pre-selected criteria. In addition, this program **assigns** routes to selected **vehicles** , calculates the minimum path travel times for those routes and monitors the successful completion of...defined scaling factor is applied to the straight line distance, Points are assigned for each **mile** and minute of additional travel,
be **Estimated Time** of Arrival: This **estimated time** is calculated and the estimated times of all the downstream stops are added together. The...new stop is inserted into a prescheduled route causing the additional stop to make the **estimated time** of delivery late, the system will warn the dispatcher that there is not

enough time...the
vehicle itinerary file is updated and time stamps are
placed on the transaction showing **estimated time** of pickup
and **estimated time** of deliveries, The travel times are
then displayed on the screens.

6, The Confirmation Program...

...by a vehicle or report
various pickup, arrival and departure completions, When
receiving confirmations, the **estimated time** of pickup and
estimated time of departure described above are adjusted to
effect the downstream vehicle itinerary. All of the...where the unit
number can then be entered, Once a
unit has been assigned, an **estimated time** of arrival will
be displayed, The routing occurs automatically and the
screen will flash for...If the vehicle is not at that post, but is on its
way
there, the **estimated time** of arrival will be displayed next
to the vehicle unit number. If there is no...

...way, the screen at that line will
flash, meaning that correction is required. Between the
estimated time of arrival and the vehicle type, the unit
number is identified. If a vehicle has...

...on the graphic screen,
2e Look at the available units on the graphic
screen and **assign** the **vehicle** unit whose current location
is closest to the post. To do so, the user selects...

...will be added to the unit' s itinerary and will
display the unit number and **estimated time** of arrival on
the SSM screen, If the unit is already at the post
location...

Claim
... comprises
a posting function which enables the user to flush out and
post all transactions **based** upon real- **time** clock periods.

7 The integrated vehicle dispatch system according
to Claim 6. wherein said posting...automated account
related information for a received transaction;
candidate selection means for selecting an
appropriate **vehicle** for said received transaction;
assigning means for automatically **assigning** said
candidate **vehicle** to said received transaction;
monitoring means for following progress of said
vehicle through said assigned...
?